Day :
Monday
Date:
8/23/2004

PALM INTRANET

Time:
16:06:46

Inventor Information for 10/009559

Inventor Name	City	State/Country
SKOGVALL, STAFFAN	LUND	SWEDEN

Appln Info | Contents | Petition Info | Atty/Agent Info | Continuity Data | Foreig

Search Another: Application# [ ] Search **or Patent#** [ ] Search

PCT / [ ] / [ ] Search **or PG PUBS #** [ ] Search

Attorney Docket # [ ] Search

Bar Code # [ ] Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

10/009,559 Thomas McKenzie

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	May 12	EXTEND option available in structure searching
NEWS 4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 6	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004

NEWS EXPRESS	JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

```
FILE 'HOME' ENTERED AT 17:41:56 ON 23 AUG 2004

=> s 155106-73-3 160845-95-4 127595-43-1 134296-40-5 608-07-1 90182-92-6
112885-41-3109872-41-5 141196-99-8
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> file reg
FILE 'REGISTRY' ENTERED AT 17:44:17 ON 23 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   22 AUG 2004  HIGHEST RN 730937-52-7
DICTIONARY FILE UPDATES:  22 AUG 2004  HIGHEST RN 730937-52-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> s 155106-73-3 160845-95-4 127595-43-1 134296-40-5 608-07-1 90182-92-6
112885-41-3109872-41-5 141196-99-8
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '55106-73-3(W)160845-95-'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '60845-95-4(W)127595-43-'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '27595-43-1(W)134296-40-'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '34296-40-5(W)608-07-1'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '608-07-1(W)90182-92-6'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '90182-92-6(W)112885'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '112885(W)41'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '41(W)3109872'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '3109872(W)41'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED '41(W)5'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'W)5(W)141196-99-'
             1 155106-73-3
```

```
                (155106-73-3/RN)
             1 160845-95-4
                (160845-95-4/RN)
             1 127595-43-1
                (127595-43-1/RN)
             1 134296-40-5
                (134296-40-5/RN)
             1 608-07-1
                (608-07-1/RN)
             1 90182-92-6
                (90182-92-6/RN)
             9 112885
         58143 41
             0 3109872
         58143 41
       9270378 5
             1 141196-99-8
                (141196-99-8/RN)
L1           0 155106-73-3 160845-95-4 127595-43-1 134296-40-5 608-07-1 90182-9
               2-6 112885-41-3109872-41-5 141196-99-8
                (155106-73-3(W)160845-95-4(W)127595-43-1(W)134296-40-5(W)608-0
               7-1(W)90182-92-6(W)112885(W)41(W)3109872(W)41(W)5(W)141196-99-
               8)

=> s 155106-73-3 or 160845-95-4 or 127595-43-1 or 134296-40-5 or 608-07-1 or
90182-92-6 or 112885-41-3 or 109872-41-5 or 141196-99-8
             1 155106-73-3
                (155106-73-3/RN)
             1 160845-95-4
                (160845-95-4/RN)
             1 127595-43-1
                (127595-43-1/RN)
             1 134296-40-5
                (134296-40-5/RN)
             1 608-07-1
                (608-07-1/RN)
             1 90182-92-6
                (90182-92-6/RN)
             1 112885-41-3
                (112885-41-3/RN)
             1 109872-41-5
                (109872-41-5/RN)
             1 141196-99-8
                (141196-99-8/RN)
L2           9 155106-73-3 OR 160845-95-4 OR 127595-43-1 OR 134296-40-5 OR
               608-07-1 OR 90182-92-6 OR 112885-41-3 OR 109872-41-5 OR 141196-9
               9-8

=> file caplus
FILE 'CAPLUS' ENTERED AT 17:45:36 ON 23 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)


Copyright of the articles to which records in this database refer is
held by the publishers listed in the PUBLISHER (PB) field (available
for records published or updated in Chemical Abstracts after December
26, 1996), unless otherwise indicated in the original publications.
The CA Lexicon is the copyrighted intellectual property of the
```

FILE COVERS 1907 - 23 Aug 2004 VOL 141 ISS 9
FILE LAST UPDATED: 22 Aug 2004 (20040822/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2 and asthma
1629 L2
24813 ASTHMA
L3 4 L2 AND ASTHMA

=> d 1-4 cbib pi hitstr abs

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
2004:309877 Document No. 140:333034 Substitution variant of the 5-HT4 receptor insensitive to serotonin and the gene for it and the treatment of neurodegenerative disease. Bockaert, Joel; Claeysen, Sylvie; Dumuis Kervabon, Aline; Sebben Homburger, Michele; Joubert, Lara (Centre National de la Recherche Scientifique CNRS, Fr.). Fr. Demande FR 2845604 A1 20040416, 48 pp. (French). CODEN: FRXXBL. APPLICATION: FR 2002-12614 20021010.

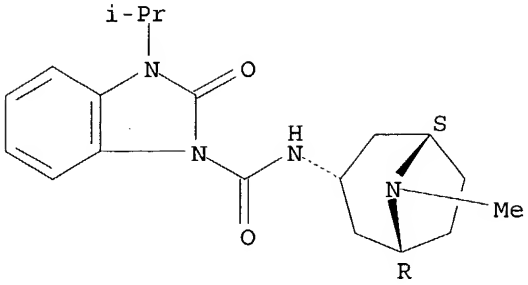
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2845604	A1	20040416	FR 2002-12614	20021010
	WO 2004033498	A2	20040422	WO 2003-FR3002	20031010
	WO 2004033498	A3	20040722		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

IT **134296-40-5**, BIMU 8
RL: BSU (Biological study, unclassified); BIOL (Biological study) (5-HT4 receptor variants agonized by; substitution variant of 5-HT4 receptor insensitive to serotonin and gene for it and treatment of neurodegenerative disease)
RN 134296-40-5 CAPLUS
CN 1H-Benzimidazole-1-carboxamide, 2,3-dihydro-N-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-3-(1-methylethyl)-2-oxo-, monohydrochloride (9CI) (CA INDEX NAME)

Relative stereochemistry.



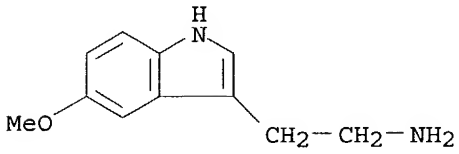
● HCl

AB A substitution variant of the 5-HT4 serotonin receptor that is insensitive to serotonin but that can be activated by synthetic serotonin agonists is described. The gene for the receptor variant may be useful in the treatment of neurodegenerative disease associated with low levels of cAMP. The substitution in 100-aspartic acid → alanine affecting the structure of transmembrane domain III. Pharmacol. of the variant is described.

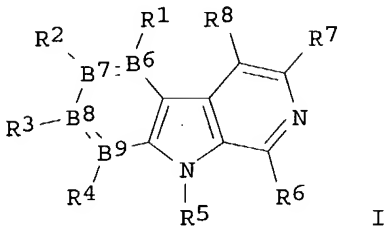
L3 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
2001:691768 Document No. 135:242149 Preparation of substituted β-carbolines as IκB kinase inhibitors. Ritzeler, Olaf; Castro, Alfredo; Grenier, Louis; Soucy, Francois (Aventis Pharma Deutschland G.m.b.H., Germany). Eur. Pat. Appl. EP 1134221 A1 20010919, 47 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (English). CODEN: EPXXDW. APPLICATION: EP 2000-105514 20000315.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1134221	A1	20010919	EP 2000-105514	20000315
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	WO 2001068648	A1	20010920	WO 2001-EP2237	20010228
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2001009161	A	20021126	BR 2001-9161	20010228
	EP 1268477	A1	20030102	EP 2001-909799	20010228
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003527394	T2	20030916	JP 2001-567739	20010228
	EE 200200523	A	20040415	EE 2002-523	20010228
	NZ 521386	A	20040625	NZ 2001-521386	20010228
	US 2002099068	A1	20020725	US 2001-812785	20010315
	US 6627637	B2	20030930		
	NO 2002004338	A	20021105	NO 2002-4338	20020911
	ZA 2002007324	A	20030707	ZA 2002-7324	20020912
	US 2004110759	A1	20040610	US 2003-627978	20030728

IT **608-07-1**, 5-Methoxytryptamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of substituted β-carbolines as IκB kinase inhibitors)
RN 608-07-1 CAPLUS
CN 1H-Indole-3-ethanamine, 5-methoxy- (9CI) (CA INDEX NAME)



GI



I

AB The title compds. [I; B6-B9 = C, N (no more than 2 N atoms at the same time); R1-R4, R8 = H, halo, OH, etc.; R5 = H, (un)substituted alkyl, etc.; R6, R7 = H, halo, OH, etc.], useful for prophylaxis and therapy of disorders in which increased activity of NFκB is involved such as **asthma**, osteoarthritis, rheumatoid arthritis, Alzheimer's disease, carcinomatous disorders and cardiac infarct, were prepared Thus, treating norharmane with Br2 in THF afforded 7-bromo-β-carboline which showed IC50 of 0.4 μM against IκB kinase.

L3 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
2000:772451 Document No. 133:329581 Serotoninergic agonists and antagonists for treatment of bronchoconstriction. Skogvall, Staffan (Respiratorius AB, Swed.). PCT Int. Appl. WO 2000064441 A2 20001102, 28 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 2000-SE819 20000428. PRIORITY: SE 1999-1531 19990428; US 1999-PV131355 19990428; SE 1999-1906 19990526; US 1999-PV136604 19990527; SE 1999-2251 19990615; SE 1999-2252 19990615; US 1999-PV139632 19990617; US 1999-PV139633 19990617.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000064441	A2	20001102	WO 2000-SE819	20000428
	WO 2000064441	A3	20010614		

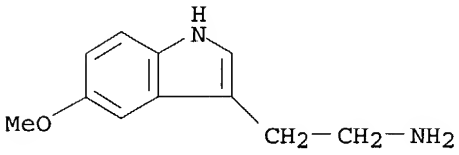
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,

CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB,
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO,
NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT,
TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

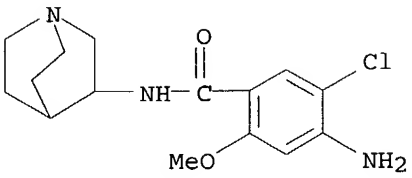
EP 1173168 A2 20020123 EP 2000-937417 20000428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2002542287 T2 20021210 JP 2000-613432 20000428
WO 2000076500 A2 20001221 WO 2000-SE1267 20000615
WO 2000076500 A3 20010712
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN,
CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB,
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR,
TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 2000058619 A5 20010102 AU 2000-58619 20000615
EP 1185263 A2 20020313 EP 2000-944534 20000615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2003501462 T2 20030114 JP 2001-502833 20000615
US 2002173505 A1 20021121 US 2001-984329 20011029

IT **608-07-1**, 5-Methoxytryptamine **90182-92-6**, Zacopride
109872-41-5, BRL 24924 **112885-41-3**, Mosapride
127595-43-1, BIMU 1 **134296-40-5**, BIMU 8
141196-99-8, SC-53116 **155106-73-3**, VB 20B7
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(serotoninergic agonists and antagonists for treatment of bronchoconstriction-related disorders)

RN 608-07-1 CAPLUS
CN 1H-Indole-3-ethanamine, 5-methoxy- (9CI) (CA INDEX NAME)

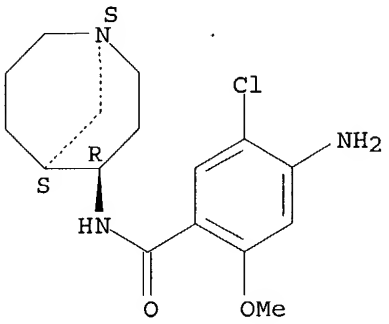


RN 90182-92-6 CAPLUS
CN Benzamide, 4-amino-N-1-azabicyclo[2.2.2]oct-3-yl-5-chloro-2-methoxy- (9CI) (CA INDEX NAME)



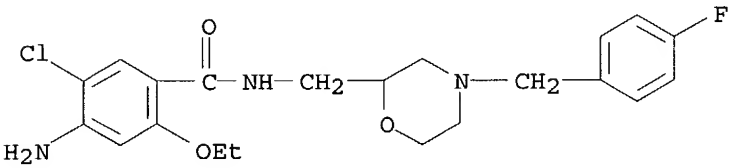
RN 109872-41-5 CAPLUS
CN Benzamide, 4-amino-N-(1R,4S,5R)-1-azabicyclo[3.3.1]non-4-yl-5-chloro-2-methoxy-, monohydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



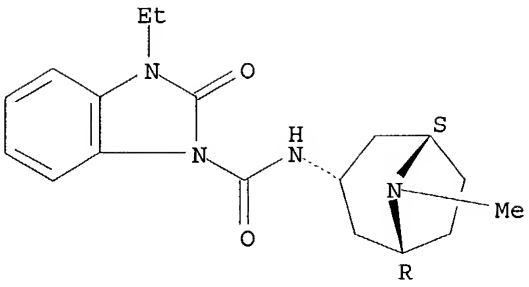
● HCl

RN 112885-41-3 CAPLUS
CN Benzamide, 4-amino-5-chloro-2-ethoxy-N-[[4-[(4-fluorophenyl)methyl]-2-morpholinyl]methyl]- (9CI) (CA INDEX NAME)



RN 127595-43-1 CAPLUS
CN 1H-Benzimidazole-1-carboxamide, 3-ethyl-2,3-dihydro-N-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-2-oxo-, monohydrochloride (9CI) (CA INDEX NAME)

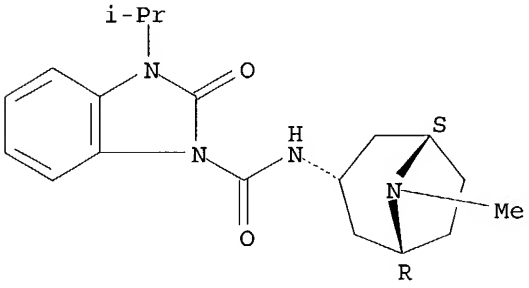
Relative stereochemistry.



● HCl

RN 134296-40-5 CAPLUS
CN 1H-Benzimidazole-1-carboxamide, 2,3-dihydro-N-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-3-(1-methylethyl)-2-oxo-, monohydrochloride (9CI) (CA INDEX NAME)

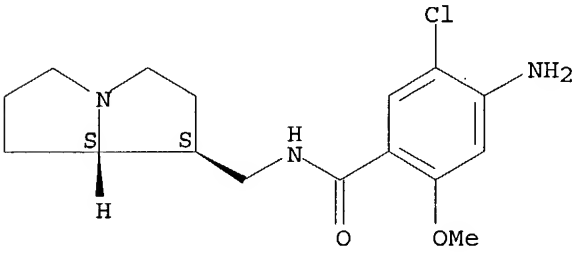
Relative stereochemistry.



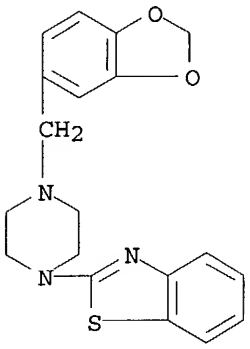
● HCl

RN 141196-99-8 CAPLUS
CN Benzamide, 4-amino-5-chloro-N-[[(1S,7aS)-hexahydro-1H-pyrrolizin-1-yl]methyl]-2-methoxy- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

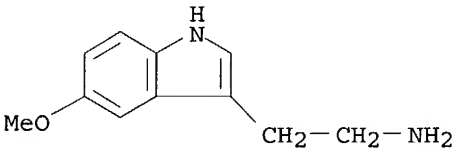


RN 155106-73-3 CAPLUS
CN Benzothiazole, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)



AB The present invention relates to a compound having agonist activity to the 5-HT4 receptor or antagonist activity to the 5-HT2a receptor and manufacture of a medicament for prophylactic or therapeutic treatment of disorders involving bronchoconstriction of a human or animal, such as **asthma**, emphysema, chronic bronchitis, chronic obstructive pulmonary disease, depression, anorectic or bulimic eating disorders, anxiety or various psychotic conditions including schizophrenia. Compds. of the present invention have the capacity of reducing the pathol. bronchoconstriction by at least 30%, preferably at least 60%, and most preferably at least 90%.

L3 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
1999:710440 Document No. 132:88550 The effects of 5-HT on cholinergic contraction in human airways in vitro. Dupont, L. J.; Pype, J. L.; Demedts, M. G.; De Leyn, P.; Deneffe, G.; Verleden, G. M. (Pulmonary Pharmacology Unit, Laboratory of Pneumology and, University Hospital Gasthuisberg, Katholieke Universiteit Leuven, Belg.). European Respiratory Journal, 14(3), 642-649 (English) 1999. CODEN: ERJOEI. ISSN: 0903-1936. Publisher: Munksgaard International Publishers Ltd..
IT **608-07-1**, 5-Methoxytryptamine
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(5-HT facilitation formation of cholinergic contraction in human airways in vitro and 5-HT3 and 5-HT4 receptor mediation thereof)
RN 608-07-1 CAPLUS
CN 1H-Indole-3-ethanamine, 5-methoxy- (9CI) (CA INDEX NAME)



AB Inhaled 5-hydroxytryptamine (5-HT) causes bronchoconstriction in asthmatics, and 5-HT plasma levels are elevated in **asthma.** Elec. field stimulation (EFS) of human airways, in vitro, evokes cholinergic contraction mediated by the release of acetylcholine (Ach) from postganglionic cholinergic nerves. The present study investigates whether selective 5-HT agonists and antagonists can modulate EFS-induced cholinergic contraction in human airways in vitro. Human airways, obtained from resections for bronchial carcinoma or organ transplant

donors, were suspended under 2-g tension, between two platinum wire electrodes, in carbogenated Krebs solution at 37° and EFS was applied (1-32 Hz, 50 V, 0.5 ms, 15 s every 4 min) to elicit cholinergic contractions. 5-HT (10 μM-0.3 mM) produced frequency- and concentration-dependent facilitation of cholinergic contraction, but did not displace the concentration/response curve to Ach. Tropisetron (1 μM), a 5-HT3 and 5-HT4 antagonist, completely blocked the facilitatory effect of 5-HT (100 μM), whereas both ondansetron (1 μM) and GR 125478D (1 μM), a selective 5-HT3 and 5-HT4 antagonist, resp., also attenuated the 5-HT-induced enhancement of cholinergic contraction. This facilitatory effect of 5-HT was partially mimicked by both selective 5-HT3 (2-methyl-5-HT) and 5-HT4 (RS 67333 and 5-methoxytryptamine) agonists. Fluoxetine (10 μM), a 5-HT uptake inhibitor, had no effect on the 5-HT (10-100 μM) induced potentiation of cholinergic contraction. These findings suggest that 5-HT facilitates cholinergic contraction in human airways in vitro through stimulation of both prejunctional 5-HT3 and 5-HT4 receptors. This may implicate a role of 5-HT in **asthma.**

=> file reg
FILE 'REGISTRY' ENTERED AT 17:49:28 ON 23 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 AUG 2004 HIGHEST RN 730937-52-7
DICTIONARY FILE UPDATES: 22 AUG 2004 HIGHEST RN 730937-52-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> d l1 1-9 hitstr pi
L1 HAS NO ANSWERS
L1 0 SEA FILE=REGISTRY 155106-73-3 160845-95-4 127595-43-1 134296-40-5 608-07-1 90182-92-6 112885-41-3109872-41-5 141196-99-8

=> d his

(FILE 'HOME' ENTERED AT 17:41:56 ON 23 AUG 2004)

FILE 'REGISTRY' ENTERED AT 17:44:17 ON 23 AUG 2004
L1 0 S 155106-73-3 160845-95-4 127595-43-1 134296-40-5 608-07-1 9018
L2 9 S 155106-73-3 OR 160845-95-4 OR 127595-43-1 OR 134296-40-5 OR 6

FILE 'CAPLUS' ENTERED AT 17:45:36 ON 23 AUG 2004
L3 4 S L2 AND ASTHMA

FILE 'REGISTRY' ENTERED AT 17:49:28 ON 23 AUG 2004

=> d l2 1-9 hitstr pi
'HITSTR' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'PI' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD - Protein sequence data, includes RN
SQD3 - Same as SQD, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
EPROP - Table of experimental properties
PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
APPS -- Application and Priority Information
BIB -- CA Accession Number, plus Bibliographic Data
CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND -- Index Data
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

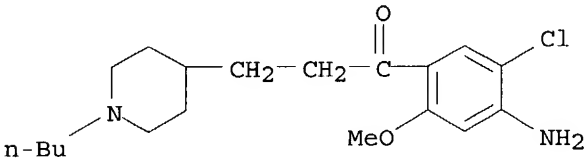
The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):ide pi

L2 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **160845-95-4** REGISTRY
CN 1-Propanone, 1-(4-amino-5-chloro-2-methoxyphenyl)-3-(1-butyl-4-piperidinyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H29 Cl N2 O2
CI COM
SR CA
LC STN Files: CA, CAPLUS, IMSRESEARCH, MEDLINE, TOXCENTER, USPATFULL
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002038142	A2	20020516	WO 2001-US43016	20011108
	WO 2002038142	A3	20030814		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002030423	A5	20020521	AU 2002-30423	20011108
	US 2002173511	A1	20021121	US 2001-986469	20011108
	US 2002173549	A1	20021121	US 2001-986470	20011108

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9427965	A1	19941208	WO 1994-US5718	19940525

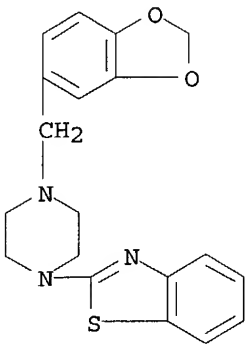
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2163747	AA	19941208	CA 1994-2163747	19940525	
AU 9469548	A1	19941220	AU 1994-69548	19940525	
AU 680004	B2	19970717			
BR 9406724	A	19960206	BR 1994-6724	19940525	
EP 700383	A1	19960313	EP 1994-918070	19940525	
EP 700383	B1	19980923			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE					
CN 1124485	A	19960612	CN 1994-192219	19940525	
CN 1058262	B	20001108			
JP 08510743	T2	19961112	JP 1994-500836	19940525	
HU 74870	A2	19970228	HU 1995-3357	19940525	
IL 109776	A1	19980310	IL 1994-109776	19940525	
AT 171446	E	19981015	AT 1994-918070	19940525	
ES 2121210	T3	19981116	ES 1994-918070	19940525	
PL 180336	B1	20010131	PL 1994-311723	19940525	
RU 2170228	C2	20010710	RU 1995-122587	19940525	
CZ 289752	B6	20020313	CZ 1995-2780	19940525	
US 5763458	A	19980609	US 1995-456168	19950531	
FI 9505660	A	19951124	FI 1995-5660	19951124	
NO 9504761	A	19960126	NO 1995-4761	19951124	

REFERENCE 3

REFERENCE 4

L2 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **155106-73-3** REGISTRY
CN Benzothiazole, 2-[4-(1,3-benzodioxol-5-ylmethyl)-1-piperazinyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 2-[1-(4-Piperonyl)piperazinyl]benzothiazole
CN VB 20B7
FS 3D CONCORD
MF C19 H19 N3 O2 S
SR CA
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, CHEMCATS, IMSRESEARCH, MEDLINE, PHAR, PROUSDDR, USPATFULL
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1907 TO DATE)
11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002038142	A2	20020516	WO 2001-US43016	20011108
	WO 2002038142	A3	20030814		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002030423	A5	20020521	AU 2002-30423	20011108
	US 2002173511	A1	20021121	US 2001-986469	20011108
	US 2002173549	A1	20021121	US 2001-986470	20011108

REFERENCE 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036113	A1	20020510	WO 2001-SE2372	20011030
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002012888	A5	20020515	AU 2002-12888	20011030

REFERENCE 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036114	A1	20020510	WO 2001-SE2373	20011030
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002011176	A5	20020515	AU 2002-11176	20011030

REFERENCE 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095902	A1	20011220	WO 2000-SE2612	20001220
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1302204	A1	20030416	EP 2001-610108	20011015
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				

REFERENCE 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
	WO 2000076500	A3	20010712		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2000064441	A2	20001102	WO 2000-SE819	20000428
	WO 2000064441	A3	20010614		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				

DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU	2000058619	A5	20010102	AU 2000-58619	20000615
EP	1185263	A2	20020313	EP 2000-944534	20000615
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP	2003501462	T2	20030114	JP 2001-502833	20000615

REFERENCE 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000064441	A2	20001102	WO 2000-SE819	20000428
	WO 2000064441	A3	20010614		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1173168	A2	20020123	EP 2000-937417	20000428
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2002542287	T2	20021210	JP 2000-613432	20000428
	WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
	WO 2000076500	A3	20010712		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 2000058619	A5	20010102	AU 2000-58619	20000615
	EP 1185263	A2	20020313	EP 2000-944534	20000615
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2003501462	T2	20030114	JP 2001-502833	20000615
	US 2002173505	A1	20021121	US 2001-984329	20011029

REFERENCE 8

REFERENCE 9

REFERENCE 10

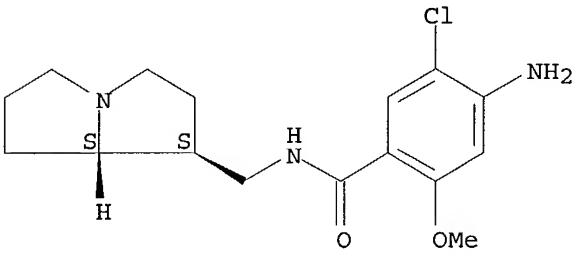
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9420494	A1	19940915	WO 1994-ES21	19940303
	W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD,				

SE, SK, UA, US, UZ, VN
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

ES 2062940	A1	19941216	ES 1993-493	19930311
ES 2062940	B1	19950616		
AU 9462085	A1	19940926	AU 1994-62085	19940303
ZA 9401673	A	19941012	ZA 1994-1673	19940410

L2 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **141196-99-8** REGISTRY
CN Benzamide, 4-amino-5-chloro-N-[[(1S,7aS)-hexahydro-1H-pyrrolizin-1-yl]methyl]-2-methoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Benzamide, 4-amino-5-chloro-N-[(hexahydro-1H-pyrrolizin-1-yl)methyl]-2-methoxy-, (1S-cis)-
OTHER NAMES:
CN SC 53116
FS STEREOSEARCH
MF C16 H22 Cl N3 O2
SR CA
LC STN Files: ADISINSIGHT, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, EMBASE, MEDLINE, PHAR, PROUSDDR, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

19 REFERENCES IN FILE CA (1907 TO DATE)
19 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2004092511	A1	20040513	US 2003-702688	20031106

REFERENCE 2

REFERENCE 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2002038142 A2 20020516 WO 2001-US43016 20011108
WO 2002038142 A3 20030814
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2002030423 A5 20020521 AU 2002-30423 20011108
US 2002173511 A1 20021121 US 2001-986469 20011108
US 2002173549 A1 20021121 US 2001-986470 20011108

REFERENCE 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036113	A1	20020510	WO 2001-SE2372	20011030

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2002012888 A5 20020515 AU 2002-12888 20011030

REFERENCE 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036114	A1	20020510	WO 2001-SE2373	20011030

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES,
FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL,
TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
AU 2002011176 A5 20020515 AU 2002-11176 20011030

REFERENCE 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095903	A1	20011220	WO 2000-SE2613	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,

BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1302204 A1 20030416 EP 2001-610108 20011015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095902	A1	20011220	WO 2000-SE2612	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1302204 A1 20030416 EP 2001-610108 20011015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 8

REFERENCE 9

REFERENCE 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
	WO 2000076500	A3	20010712		

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

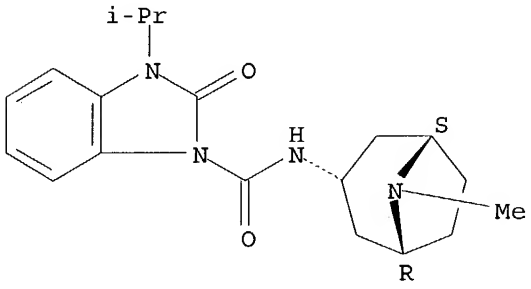
WO 2000064441 A2 20001102 WO 2000-SE819 20000428
WO 2000064441 A3 20010614

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2000058619 A5 20010102 AU 2000-58619 20000615
EP 1185263 A2 20020313 EP 2000-944534 20000615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO
JP 2003501462 T2 20030114 JP 2001-502833 20000615

L2 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **134296-40-5** REGISTRY
CN 1H-Benzimidazole-1-carboxamide, 2,3-dihydro-N-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-3-(1-methylethyl)-2-oxo-, monohydrochloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Benzimidazole-1-carboxamide, 2,3-dihydro-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-3-(1-methylethyl)-2-oxo-, monohydrochloride, endo-
OTHER NAMES:
CN BIMU 8
FS STEREOSEARCH
MF C19 H26 N4 O2 . Cl H
SR CA
LC STN Files: ADISNEWS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, EMBASE, MEDLINE, PROMT, PROUSDDR, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)
CRN (433227-46-4)

Relative stereochemistry.



● HCl

51 REFERENCES IN FILE CA (1907 TO DATE)
51 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004062624	A2	20040729	WO 2004-US200400809	20040113
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				
US 2004147510	A1	20040729	US 2004-757981	20040113

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004062623	A2	20040729	WO 2004-US20040080720040113	
	W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				
	US 2004147509	A1	20040729	US 2004-757364	20040113

REFERENCE 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004092511	A1	20040513	US 2003-702688	20031106

REFERENCE 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2845604	A1	20040416	FR 2002-12614	20021010
	WO 2004033498	A2	20040422	WO 2003-FR3002	20031010
	WO 2004033498	A3	20040722		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

REFERENCE 5

REFERENCE 6

REFERENCE 7

REFERENCE 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002038142	A2	20020516	WO 2001-US43016	20011108
	WO 2002038142	A3	20030814		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				

YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002030423	A5	20020521	AU 2002-30423	20011108
US 2002173511	A1	20021121	US 2001-986469	20011108
US 2002173549	A1	20021121	US 2001-986470	20011108

REFERENCE 9

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002036113	A1	20020510	WO 2001-SE2372	20011030

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2002012888	A5	20020515	AU 2002-12888	20011030

REFERENCE 10

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001095902	A1	20011220	WO 2000-SE2612	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

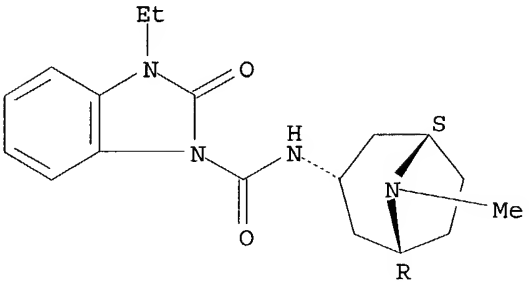
EP 1302204	A1	20030416	EP 2001-610108	20011015

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

L2 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **127595-43-1** REGISTRY
CN 1H-Benzimidazole-1-carboxamide, 3-ethyl-2,3-dihydro-N-[(3-endo)-8-methyl-8-azabicyclo[3.2.1]oct-3-yl]-2-oxo-, monohydrochloride (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Benzimidazole-1-carboxamide, 3-ethyl-2,3-dihydro-N-(8-methyl-8-azabicyclo[3.2.1]oct-3-yl)-2-oxo-, monohydrochloride, endo-
OTHER NAMES:
CN BIMU 1
FS STEREOSEARCH
MF C18 H24 N4 O2 . Cl H
SR CA
LC STN Files: ADISNEWS, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, EMBASE, IMSDRUGNEWS, IMSRESEARCH, MEDLINE, PHAR, PROMT, PROUSDDR, SYNTHLINE, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES

(Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)
CRN (127595-41-9)

Relative stereochemistry.



● HCl

42 REFERENCES IN FILE CA (1907 TO DATE)
42 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004092511	A1	20040513	US 2003-702688	20031106

REFERENCE 2

REFERENCE 3

REFERENCE 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036113	A1	20020510	WO 2001-SE2372	20011030
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002012888	A5	20020515	AU 2002-12888	20011030

REFERENCE 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036114	A1	20020510	WO 2001-SE2373	20011030

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

	AU 2002011176	A5	20020515	AU 2002-11176	20011030

REFERENCE 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095903	A1	20011220	WO 2000-SE2613	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	EP 1302204	A1	20030416	EP 2001-610108	20011015

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 7

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095902	A1	20011220	WO 2000-SE2612	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	EP 1302204	A1	20030416	EP 2001-610108	20011015

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001045685	A2	20010628	WO 2000-GB4902	20001219
	WO 2001045685	A3	20020228		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,

DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1239882	A2	20020918	EP 2000-985643	20001219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003518043	T2	20030603	JP 2001-546424	20001219
US 2003018008	A1	20030123	US 2002-168190	20020618

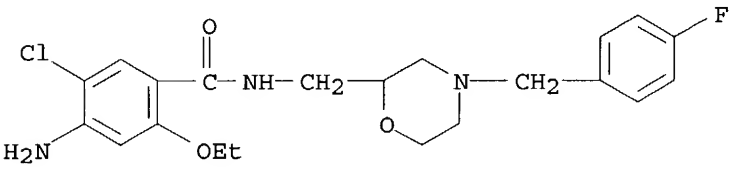
REFERENCE 9

REFERENCE 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
	WO 2000076500	A3	20010712		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	WO 2000064441	A2	20001102	WO 2000-SE819	20000428
	WO 2000064441	A3	20010614		
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 2000058619	A5	20010102	AU 2000-58619	20000615
	EP 1185263	A2	20020313	EP 2000-944534	20000615
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2003501462	T2	20030114	JP 2001-502833	20000615

L2 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **112885-41-3** REGISTRY
CN Benzamide, 4-amino-5-chloro-2-ethoxy-N-[[4-[(4-fluorophenyl)methyl]-2-morpholinyl]methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Mosapride
FS 3D CONCORD
DR 144256-27-9
MF C21 H25 Cl F N3 O3
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMINFORMRX, CIN, DDFU, DRUGU, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, PHAR, PROMT, PROUSDDR, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL

(*File contains numerically searchable property data)
Other Sources: WHO
DT.CA CAplus document type: Book; Conference; Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

62 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
62 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004092511	A1	20040513	US 2003-702688	20031106

REFERENCE 2

REFERENCE 3

REFERENCE 4

REFERENCE 5

REFERENCE 6

REFERENCE 7

REFERENCE 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003106440	A2	20031224	WO 2003-HU42	20030612
	WO 2003106440	A3	20040617		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

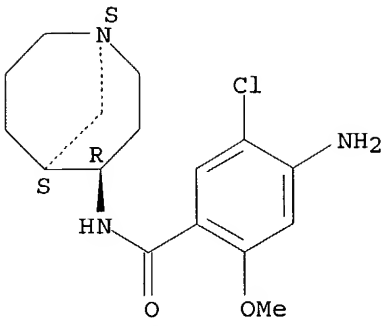
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC,
NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG

REFERENCE 9

REFERENCE 10

L2 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **109872-41-5** REGISTRY
CN Benzamide, 4-amino-N-(1R,4S,5R)-1-azabicyclo[3.3.1]non-4-yl-5-chloro-2-methoxy-, monohydrochloride, rel- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Azabicyclo[3.3.1]nonane, benzamide deriv.
CN Benzamide, 4-amino-N-1-azabicyclo[3.3.1]non-4-yl-5-chloro-2-methoxy-, monohydrochloride, endo-(±)-
OTHER NAMES:
CN Benzamide, 4-amino-N-1-azabicyclo[3.3.1]non-4-yl-5-chloro-2-methoxy-, monohydrochloride, endo-
CN BRL 24924
FS STEREOSEARCH
MF C16 H22 Cl N3 O2 . Cl H
CI COM
SR CA
LC STN Files: ADISINSIGHT, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, EMBASE, IPA, MEDLINE, PHAR, PROMT, TOXCENTER, USPATFULL
DT.CA CAplus document type: Conference; Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties)
CRN (112727-80-7)

Relative stereochemistry.



● HCl

43 REFERENCES IN FILE CA (1907 TO DATE)
43 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036113	A1	20020510	WO 2001-SE2372	20011030
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002012888	A5	20020515	AU 2002-12888	20011030

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002036114	A1	20020510	WO 2001-SE2373	20011030
	W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002011176	A5	20020515	AU 2002-11176	20011030

REFERENCE 3

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI WO 2001095903 A1 20011220 WO 2000-SE2613 20001220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1302204 A1 20030416 EP 2001-610108 20011015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001095902	A1	20011220	WO 2000-SE2612	20001220

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
EP 1302204 A1 20030416 EP 2001-610108 20011015
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

REFERENCE 5

REFERENCE 6

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
	WO 2000076500	A3	20010712		

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	WO 2000064441	A2	20001102	WO 2000-SE819	20000428
	WO 2000064441	A3	20010614		

W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	AU 2000058619	A5	20010102	AU 2000-58619	20000615

EP 1185263		A2	20020313	EP 2000-944534	20000615
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003501462		T2	20030114	JP 2001-502833	20000615

REFERENCE 7

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000064441	A2	20001102	WO 2000-SE819	20000428
WO 2000064441	A3	20010614		
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1173168	A2	20020123	EP 2000-937417	20000428
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002542287	T2	20021210	JP 2000-613432	20000428
WO 2000076500	A2	20001221	WO 2000-SE1267	20000615
WO 2000076500	A3	20010712		
W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2000058619	A5	20010102	AU 2000-58619	20000615
EP 1185263	A2	20020313	EP 2000-944534	20000615
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2003501462	T2	20030114	JP 2001-502833	20000615
US 2002173505	A1	20021121	US 2001-984329	20011029

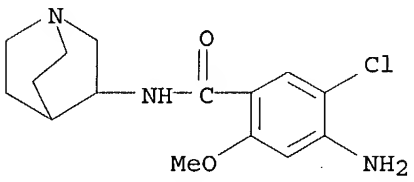
REFERENCE 8

REFERENCE 9

REFERENCE 10

L2 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN **90182-92-6** REGISTRY
CN Benzamide, 4-amino-N-1-azabicyclo[2.2.2]oct-3-yl-5-chloro-2-methoxy- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (±)-Zacopride
CN (RS)-Zacopride

CN Racemic zacopride
CN Zacopride
FS 3D CONCORD
DR 131104-11-5
MF C15 H20 Cl N3 O2
CI COM
LC STN Files: ADISINSIGHT, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, DDFU, DRUGU, EMBASE, IMSDRUGNEWS, IMSRESEARCH, IPA, MEDLINE, PHAR, PROMT, PROUSDDR, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: WHO
DT.CA CAplus document type: Conference; Journal; Patent; Report
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.NP Roles for non-specific derivatives from non-patents: PROC (Process)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

178 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
179 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004062624	A2	20040729	WO 2004-US200400809200040113	
	W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				
	US 2004147510	A1	20040729	US 2004-757981	20040113

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004062623	A2	20040729	WO 2004-US200400807200040113	

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ

US 2004147509 A1 20040729 US 2004-757364 20040113

REFERENCE 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004092511	A1	20040513	US 2003-702688	20031106

REFERENCE 4

REFERENCE 5

REFERENCE 6

REFERENCE 7

REFERENCE 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002161016	A1	20021031	US 2001-996407	20011121
	US 6495154	B1	20021217	US 2000-721412	20001121

REFERENCE 9

REFERENCE 10

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002041883	A2	20020530	WO 2001-US44065	20011121
	WO 2002041883	A3	20031218		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 6495154 B1 20021217 US 2000-721412 20001121

AU 2002028643 A5 20020603 AU 2002-28643 20011121

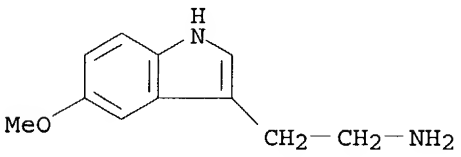
EP 1389115 A2 20040218 EP 2001-989759 20011121

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

L2 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN

RN **608-07-1** REGISTRY

CN 1H-Indole-3-ethanamine, 5-methoxy- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Indole, 3-(2-aminoethyl)-5-methoxy- (6CI, 8CI)
OTHER NAMES:
CN 2-(5-Methoxyindol-3-yl)ethylamine
CN 3-(2-Aminoethyl)-5-methoxyindole
CN 5-Methoxytryptamine
CN 5MOT
CN Deacetylmelatonin
CN Methoxytryptamine
CN NSC 56422
CN [2-(5-Methoxy-1H-indol-3-yl)ethyl]amine
FS 3D CONCORD
MF C11 H14 N2 O
CI COM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, HODOC*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, NAPRALERT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA CAplus document type: Conference; Dissertation; Journal; Patent; Report
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1348 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1348 REFERENCES IN FILE CAPLUS (1907 TO DATE)
58 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004138222	A1	20040715	US 2003-659238	20030910

REFERENCE 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004058259	A1	20040715	WO 2003-GB5656	20031224

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

REFERENCE 3

REFERENCE 4

REFERENCE 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2004196683	A2	20040715	JP 2002-364790	20021217

REFERENCE 6

REFERENCE 7

REFERENCE 8

REFERENCE 9

REFERENCE 10

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

STN INTERNATIONAL LOGOFF AT 18:07:34 ON 23 AUG 2004

009,535

10/~~235,495~~ Thomas McKenzie

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	May 12	EXTEND option available in structure searching
NEWS 4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS 5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS 6	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS 7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS 8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS 9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS 10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS 11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS 12	AUG 02	CAplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS 13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS 14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004

NEWS EXPRESS	JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 16:56:50 ON 23 AUG 2004

=> file reg
FILE 'REGISTRY' ENTERED AT 16:57:28 ON 23 AUG 2004

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 AUG 2004 HIGHEST RN 730937-52-7
DICTIONARY FILE UPDATES: 22 AUG 2004 HIGHEST RN 730937-52-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

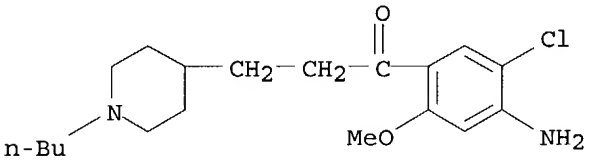
Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> s (RN67333 OR RN (L) 67333/cn)
0 RN67333
2059 RN
0 67333/CN
0 RN (L) 67333/CN
L1 0 (RN67333 OR RN (L) 67333/CN)

=> s 160845-95-4/rn
L2 1 160845-95-4/RN

=> d sam cbib pi

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
IN 1-Propanone, 1-(4-amino-5-chloro-2-methoxyphenyl)-3-(1-butyl-4-piperidinyl)- (9CI)
MF C19 H29 Cl N2 O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

REFERENCE 1: 136:363866 Serotonergic compositions and methods for treatment of mild cognitive impairment. Wurtman, Richard J.; Lee, Robert K. K.

(Massachusetts Institute of Technology, USA). PCT Int. Appl. WO 2002038142 A2 20020516, 34 pp. DESIGNATED STATES: W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (English). CODEN: PIXXD2. APPLICATION: WO 2001-US43016 20011108. PRIORITY: US 2000-PV246615 20001108.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002038142	A2	20020516	WO 2001-US43016	20011108
	WO 2002038142	A3	20030814		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2002030423	A5	20020521	AU 2002-30423	20011108
	US 2002173511	A1	20021121	US 2001-986469	20011108
	US 2002173549	A1	20021121	US 2001-986470	20011108

REFERENCE 2: 123:143641 Preparation of 1-(4-aminophenyl)-ω-amino-1-alkanones as 5-HT4 receptor ligands. Clark, Robin D.; Eglen, Richard; Jahangir, Alam; Miller, Aaron B.; Gardner, John O. (Syntex (U.S.A.) Inc., USA). PCT Int. Appl. WO 9427965 A1 19941208, 72 pp. DESIGNATED STATES: W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1994-US5718 19940525. PRIORITY: US 1993-67766 19930526; US 1994-228602 19940426.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9427965	A1	19941208	WO 1994-US5718	19940525
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2163747	AA	19941208	CA 1994-2163747	19940525
	AU 9469548	A1	19941220	AU 1994-69548	19940525
	AU 680004	B2	19970717		
	BR 9406724	A	19960206	BR 1994-6724	19940525
	EP 700383	A1	19960313	EP 1994-918070	19940525
	EP 700383	B1	19980923		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
	CN 1124485	A	19960612	CN 1994-192219	19940525
	CN 1058262	B	20001108		
	JP 08510743	T2	19961112	JP 1994-500836	19940525
	HU 74870	A2	19970228	HU 1995-3357	19940525
	IL 109776	A1	19980310	IL 1994-109776	19940525
	AT 171446	E	19981015	AT 1994-918070	19940525
	ES 2121210	T3	19981116	ES 1994-918070	19940525

PL 180336	B1	20010131	PL 1994-311723	19940525
RU 2170228	C2	20010710	RU 1995-122587	19940525
CZ 289752	B6	20020313	CZ 1995-2780	19940525
US 5763458	A	19980609	US 1995-456168	19950531
FI 9505660	A	19951124	FI 1995-5660	19951124
NO 9504761	A	19960126	NO 1995-4761	19951124

REFERENCE 3: 122:160435 Synthesis and preliminary pharmacological evaluation of 2-benzyloxy-substituted aryl ketones as 5-HT4 receptor antagonists. Clark, R. D.; Jahangir, A.; Langston, J. A.; Weinhardt, K. K.; Miller, A. B.; Leung, E.; Bonhaus, D. W.; Wong, E. H. F.; Eglen, R. M. (Inst. Org. Chem., Analytical Res. Pharmacology, Palo Alto, CA, 94304, USA). Bioorganic & Medicinal Chemistry Letters, 4(20), 2481-4 (English) 1994. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier.

REFERENCE 4: 122:122489 Ketones related to the benzoate 5-HT4 receptor antagonist RS-23597 are high affinity partial agonists. Clark, R. D.; Jahangir, A.; Langston, J. A.; Weinhardt, K. K.; Miller, A. B.; Leung, E.; Eglen, R. M. (Inst. Org. Chem., Analytical Res. Pharmacology, Palo Alto, CA, 94304, USA). Bioorganic & Medicinal Chemistry Letters, 4(20), 2477-80 (English) 1994. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier.

```
=> logoff.
LOGOFF. IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:.
STN INTERNATIONAL LOGOFF AT 16:59:30 ON 23 AUG 2004
```